

# Amir Lehmam : Data Science & Python Developer

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## Skills

- **Programming & ML:** Python 3.11, C++, PyTorch, TensorFlow, scikit-learn, Pandas
- **Quant & Trading:** q/KDB+, low-latency C++, FIX, order-book, options Greeks
- **Cloud & DevOps:** AWS, GCP, Azure, Kubernetes, Docker, Terraform, CI/CD
- **Data Engineering:** Spark, Airflow, DBT, Kafka, SQL/NoSQL
- **Tools & Methodologies:** Git, Prometheus/Grafana, Agile, TDD, SOLID

## Career Experience

- **Nocode-ML:** Dec 2023–Mar 2025, *CTO & Co-Founder*
  - **Technologies:** Python (FastAPI, AsyncIO), React, AWS Lambda, KDB+/q
  - Built serverless trading AI assistant powering 60+ strategies
  - Streamed 15 M ticks/day (<1 ms) into KDB+/q & PostgreSQL; engineered 120 Feast features
  - Automated ML optimiser (RandomForest, XGBoost, PyTorch CNN/RNN)
  - Sharpe ratio 1.4 → 2.3
  - CI/CD → Terraform Cloud → MLflow pipeline; <30 min from commit to production
- **Summarizor:** Sep 2024–Mar 2025, *Cloud Engineer*
  - **Technologies:** GCP (Dataproc, BigQuery), Power BI, Airflow, LightGBM
  - Designed serverless ETL for 4 TB/month; cut cloud costs 25 %
  - Vertex AI NLP pipeline summarising 500 k docs/day, F1 = 92 %
  - Hardened IAM & GuardDuty; cut cloud spend 25 % via Terraform cost modules
- **L'Oréal France:** Dec 2022–Nov 2023, *Data & BI Project Manager*
  - **Technologies:** GCP, PowerBI, LogicApps, Agile
  - Migrated 24 dashboards to BigQuery; data prep 3 h → 12 min
  - Built marketing-spend recommender boosting ROI +8 %
  - Airflow & DBT pipelines   data error rate <0.2 %, mentored 3 analysts
- **Beyond Horizon – New Finance:** 2021, *Analyst & Research Manager*
  - **Technologies:** ElasticSearch, Power BI, IFRS
  - Uncovered €4.7 Bn latent credit risk via IFRS audit & dashboards
  - Built Covid-impact dashboard, 10× faster executive reporting

## Education

- **Université Panthéon Sorbonne (P1):** *MSc Data Science & Innovation Marketing, 2023*
- **Université Panthéon Sorbonne (P1):** *MSc Data Analytics, 2022 - Merit : Good*
- **INSEEC Bachelor:** *Bachelor in Finance, 2021*
- **Université de Paris:** *Licence in Economics & Social Sciences, 2020*